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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Ulrich Kalmbach                      Docket No.: AO600  
Patent No.: 6,731,093                      Date of Patent: May 4, 2004  
Serial No.: \*10/090,588                      Filing Date: February 28, 2002  
Title: 2-Step Bi-Directional Stepping Motor

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Certificate  
MAY 1 2004  
of Correction

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TRANSMITTAL

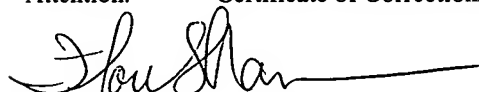
Enclosed please find the following items regarding the above referenced patent:

1. Request for Certificate Of Correction Filed Under 37 C.F.R. 1.322 (2 sheets)
2. Certificate of Correction Form PTO/SB/44 (1 sheet)

CERTIFICATE OF MAILING

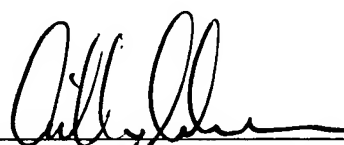
I hereby certify that this correspondence is being deposited this date with the United States Postal Service as first class mail in an envelope address to:

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Florence S. Chamoures

Date: May 12 2004

Respectfully submitted,

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21 MAY 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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REQUEST FOR CERTIFICATE OF CORRECTION FILED UNDER 37 C.F.R. 1.322

It is hereby requested that a Certificate of Correction or a corrected patent under 35 U.S.C. 254 be issued to correct errors made during the printing of the above-identified patent as follows:

CORRECTIONS

Claim 1, Column 10, Line 27, delete "a" between "is" and "at"

Claim 1, Column 10, Line 32, delete "in" and replace it with --is-- between "step" and "achieved"

Claim 5, Column 11, Line 10, delete "a" between "is" and "at"

Claim 7, Column 12, Line 6, insert ":", after degrees, and move "wherein the rotation . . . a first polarity; and" to Line 7 as a new subparagraph

Patent No.: 6,731,093  
Date of Patent: May 4, 2004

REMARKS

The errors are clearly a mistake of a clerical nature made during the printing of the patent.


Attached hereto is a Certificate of Correction (Form PTO/SB/44), which has been prepared to state the nature of the errors and the requested corrections. It is respectfully requested that the sealed Certificate of Correction or corrected patent be forwarded to the undersigned at the address listed below.

No fee is believed due with the preparation of the Certificate of Correction; however, if a fee is due, please charge the undersigned attorney's deposit account No. 50-0447.

In the event that any issues remain which prevent the issuance of the Certificate of Correction or corrected patent, it is respectfully requested that the undersigned attorney be contacted so such issues can be resolved.

Early and favorable action is earnestly solicited.

Respectfully submitted,

By: 

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,731,093  
DATED : May 4, 2004  
INVENTOR(S) : Ulrich Kalmbach

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 1, Column 10, Line 27, delete "a" between "is" and "at"

Claim 1, Column 10, Line 32, delete "in" and replace it with --is-- between "step" and "achieved"

Claim 5, Column 11, Line 10, delete "a" between "is" and "at"

Claim 7, Column 12, Line 6, insert ";" after degrees, and move "wherein the rotation . . . a first polarity; and" to Line 7 as a new subparagraph

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PATENT NO. 6,731,093

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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21 MAY 2004